

300 E. Mineral Ave., Suite 10 Littleton, CO 80122-2631 303/781-8211 303/781-1167 Fax

October 30, 2006

Mrs. Diana Whitney State of Utah Division of Oil Gas and Mining P.O. Box 145801 Salt Lake City, Utah 84114-5801

RE: Application for Permit to Drill—Dominion Exploration & Production, Inc. KC 6-32E - 1,857' FNL & 1,785' FWL, SE/4 NW/4,
Section 32, T10S, R19E, SLB&M, Uintah County, Utah

Dear Mrs. Whitney:

On behalf of Dominion Exploration & Production, Inc. (Dominion), Buys & Associates, Inc. respectfully submits the enclosed original and one copy of the Application for Permit to Drill (APD) for the above referenced State administered vertical well. Included with the APD is the following supplemental information:

Exhibit "A" - Survey plats, layouts and photos of the proposed well site;

Exhibit "B" - Proposed location maps with access and utility corridors:

Exhibit "C" - Production site layout;

Exhibit "D" - Drilling Plan;

Exhibit "E" - Surface Use Plan;

Exhibit "F" - Typical BOP and Choke Manifold diagram.

Please accept this letter as Dominion's, written request for confidential treatment of all information contained in and pertaining to this application.

Thank you very much for your timely consideration of this application. Please feel free to contact myself or Carla Christian of Dominion at 405-749-5263 if you have any questions or need additional information.

Sincerely,

Don Hamilton
Agent for Dominion

cc: Fluid Mineral Group, BLM—Vernal Field Office Carla Christian, Dominion Ken Secrest, Dominion RECEIVED

NOV 8 1 2886

DIV. OF OIL GAS & MINING

ORIGINAL

CONFIDENTIAL



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

AMENDED REPORT (highlight changes)

	Į.	APPLICA"	TION FOR	PERMIT TO	DRILL			5. MINERAL LEASE NO: ML-47059	6. SURFACE: State
1A. TYPE OF WORK: DRILL REENTER DEEPEN D							7. IF INDIAN, ALLOTTEE OR	TRIBE NAME:	
B. TYPE OF WE	N/A 8. UNIT of CA AGREEMENT NAME:								VAME:
2. NAME OF OPERATOR: 9. WELL NAME and NUMBER:									
Dominion Exploration & Production, Inc. KC 6-32E									
3. ADDRESS OF 14000 Qua		CITY Oklał	noma City sta	TE OK ZIP 73	134	PHONE NUMBER: (405) 749-5263		10. FIELD AND POOL, OR WI	
4. LOCATION OF WELL (FOOTAGES) 11. QTR/QTR, SECTION, TOWNSHIP, RANSE, MERIDIAN:									
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 1,857' FNL & 1,785' FWL, 39.905722 -109. 807727 AT PROPOSED PRODUCING ZONE: 1,857' FNL & 1,785' FWL,									
AT PROPOSED PRODUCING ZONE: 1,857' FNL & 1,785' FWL,									
			REST TOWN OR PO	ST OFFICE:				12. COUNTY:	13. STATE: UTAH
		est of Ouray, PERTY OR LEASE		16. NUMBER OF	ACRES IN LEA	¢F.	17 N	Uintah UMBER OF ACRES ASSIGNED	
1,785'	O NEARCOT TROP	-LIVI ON LEAGE	EINE (1-EE1)	10. NOMBER OF	AONES IN EEA	560	''. '	umber of Acres Assigned	40
18. DISTANCE TO		L (DRILLING, COMI	PLETED, OR	19. PROPOSED	DEPTH;		20. B	OND DESCRIPTION:	
1,300'	R) ON THIS LEASE					10,000	SI	TLA Blanket 76S 63	3050 361
	·	ER DF, RT, GR, ET	O.):	22. APPROXIMA		K WILL START:	1	STIMATED DURATION:	
5,304' GR	<u> </u>			5/15/200		·	14	days	
24.			PROPOS	ED CASING AI	ND CEMEN	TING PROGRAM			
SIZE OF HOLE	CASING SIZE,	, GRADE, AND WEI	GHT PER FOOT	SETTING DEPTH		CEMENT TYPE, QUA	ANTITY,	, YIELD, AND SLURRY WEIGHT	
				·					
12-1/4"	8-5/8"	J-55 ST	32#	2,000	see Drillir	ng Plan			
7-7/8"	5-1/2"	Mav 80 L	17#	10,000	see Drillir	ng Plan			
	<u> </u>								
***************************************			<u></u>						
25. ATTACHMENTS									
VERIFY THE FOL	LOWING ARE AT	TACHED IN ACCO	RDANCE WITH THE	UTAH OIL AND GAS C	ONSERVATION	GENERAL RULES:			
7 WELL PL	AT OR MAP PREF	PARED BY LICENS	ED SURVEYOR OR I	ENGINEER	Z α	OMPLETE DRILLING PLAN		CONFIDEN	ITIAL
							DCON (
LI EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER LEASE OWNER									
NAME (PLEASE	NAME (PLEASE PRINT) Don Hamilton Agent for Dominion Exploration & Production, Inc.								
SIGNATURE	Don	. Han	nilton		DAT	10/30/2006			
(This space for Sta	ite use only)						D'	ECEIVED	
					Approv	ed by the			
APINUMBER AS	SIGNED: 2	43-047-	38781	nerty (Fig.	Utah D	ivision of	N	10V 0 1 2006	
					ii, Gas a	and Mining	i∧ ∪i	FOIL, GAS & MINING	i
(11/2001)				(See Instruction			1V. U	(City on 15 as	
· ·				Date		20 496	<u>:</u> >		

T10S, R19E, S.L.B.&M. -171.60' (G.L.O.) 11.88' (G.L.O.)-S89°55'09"W - 2621.56' (Meas.) S89'53'48"W - 2610.35' (Meas.) True W.C. 1956 Brass Cap,-1956 Brass Cap. True Position Position 0.3' High, Pile of 1956 Brass Cap. 1.3' High, Pile of Stones 0.3' High, Pile of Stones Stones 1857 KC #6-32E Elev. Ungraded Ground = 5304' 1785 1956 Brass Cap, 1956 Brass Cap, 1.1' High, Pile of 0.5' High, Pile of Stones SCALE BEST OF MY KNOWLEDGE AND BE 1956 Brass Cap. 1956 Brass Cap. 0.6' High, Pile of 1956 Brass Cap, 0.5' High, Pile of Stones, Set Marked 0.4' High, Pile of Stones, Set Stone S89'30'33"W - 2636.14' (Meas.) N89°20'18"W - 2634.11' (Meas.) UINTAH ENGINEERING 85 SOUTH 200 EAST LEGEND: (NAD 83) LATITUDE = $39^{\circ}54'20.45''$ (39.905681) = 90° SYMBOL LONGITUDE = $109^{4}8'30.49"$ (109.808469) PROPOSED WELL HEAD. (NAD 27) LATITUDE = 39.54'20.57'' (39.905714) SECTION CORNERS LOCATED. LONGITUDE = 109.48'27.98'' (109.807772)

DOMINION EXPLR. & PROD., INC.

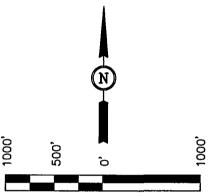
Well location, KC #6-32E, located as shown in the SE 1/4 NW 1/4 of Section 32, T10S, R19E, S.L.B.&M. Uintah County Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHWEST CORNER OF SECTION 20, T10S, R20E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN NW QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5251 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PURIFIED FROM FIELD NOTES OF ACTUAL SURVEYS TO THE SAME ARE TRUE AND CORRECT TO THE

LAND BERVEYING VERNAL, UTAH 84078

(435) 789-1017

SCALE 1" =	1000'		DATE SURVEYED: 06-05-06	DATE DRAWN: 06-05-06
PARTY B.B.	B.C.	D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER		-	FILE	
W	/ARM		DOMINION EXPLR	. & PROD., INC.

DRILLING PLAN

APPROVAL OF OPERATIONS

Attachment for Permit to Drill

Name of Operator:

Dominion Exploration & Production

Address:

14000 Quail Springs Parkway, Suite 600

Oklahoma City, OK 73134

Well Location:

Kings Canyon 6-32E 1857' FNL & 1785' FWL

Section 32-10S-19E Uintah County, UT

1. GEOLOGIC SURFACE FORMATION

Uintah

2. ESTIMATED DEPTHS OF IMPORTANT GEOLOGIC MARKERS

<u>Formation</u>	<u>Depth</u>
Wasatch Tongue	3,860'
Green River Tongue	4,200'
Wasatch	4,340'
Chapita Wells	5,240'
Uteland Buttes	6,600'
Mesaverde	7,495

3. <u>ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS</u>

Formation	<u>Depth</u>	Type
Wasatch Tongue	3,860'	Oil
Green River Tongue	4,200'	Oil
Wasatch	4,340'	Gas
Chapita Wells	5,240'	Gas
Uteland Buttes	6,600'	Gas
Mesaverde	7,495'	Gas

4. PROPOSED CASING PROGRAM

All casing used to drill this well will be new casing.

Type	Size	Weight	Grade	Conn.	Top	Bottom	<u>Hole</u>
Surface	8-5/8"	32.0 ppf	J-55	STC	0,	2,000'	12-1/4"
Production	5-1/2"	17.0 ppf	MAV-80	LTC	0,	10,000'	7-7/8"

Note: The drilled depth of the surface hole and the setting depth of the surface casing may vary from 1,700' to 2,000'. Should a lost circulation zone be encountered while drilling, casing will be set approximately 300' below the lost circulation zone. If no lost circulation zone is encountered, casing to be set at 2,000'±.

5. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL

Surface hole: No BOPE will be utilized. Air foam mist, rotating head and diverter system will be utilized. Production hole: Prior to drilling out the surface casing shoe, 3,000 psi or greater BOP equipment will be installed. The pipe rams will be operated at least once per day from surface to total depth. The blind rams will be tested once per day from surface to total depth if operations permit.

DRILLING PLAN

APPROVAL OF OPERATIONS

A diagram of the planned BOP equipment for normal drilling operations in this area is attached. As denoted there will be two valves and one check valve on the kill line, two valves on the choke line, and two adjustable chokes on the manifold system. The BOP "stack" will consist of two BOP rams (1 pipe, 1 blind) and one annular type preventer, all rated to a minimum of 3,000 psi working pressure.

The BOP equipment will be pressure tested prior to drilling out surface casing shoe and anytime a new casing string is set. All test pressures will be maintained for fifteen (15) minutes without any significant pressure decrease. Clear water will be circulated into the BOP stack and lines prior to pressure testing. The following test pressures will be used as a minimum for various equipment items.

1.	Annular BOP	1,500 psi
2.	Ram type BOP	3,000 psi
3.	Kill line valves	3,000 psi
4.	Choke line valves and choke manifold valves	3,000 psi
5.	Chokes	3,000 psi
6.	Casing, casinghead & weld	1,500 psi
7.	Upper kelly cock and safety valve	3,000 psi
8.	Dart valve	3,000 psi

6. MUD SYSTEMS

- An air or an air/mist system may be used to drill to drill the surface hole until water influx becomes too great.
- · KCL mud system will be used to drill well.
- The mud system will be monitored manually/visually.

<u>Depths</u>	Mud Weight (ppg)	Mud System
0'-2,000'	8.4	Air foam mist, rotating head and diverter
2,000' - 10,000'	8.6	Fresh water/2% KCL/KCL mud system

BLOOIE LINE

- An automatic igniter will not be installed on blooie line. The blooie will have a constant ignition source.
- A "target tee" connection will be installed on blooie line for 90° change of directions for abrasion resistance.
- "Target tee" connections will be a minimum of 50' from wellhead.
- The blooie line discharge will be a minimum of 80' from the wellhead.

8. AUXILIARY EQUIPMENT TO BE USED

- a. Kelly cock.
- b. Full opening valve with drill pipe connection will be kept on floor. Valve will be used when the kelly is not in string.

9. TESTING. LOGGING, AND CORING PROGRAMS TO BE FOLLOWED

- A drillstem test in the Wasatch Tongue is possible.
- One electric line wire-log will be run from total depth to surface casing.
- The gamma ray will be left on to record from total depth to surface casing.
- Other log curves (resistivities, porosity, and caliper) will record from total depth to surface casing.
- A dipmeter, percussion cores, or rotary cores may be run over selected intervals.

0. ANTICIPATED ABNORMAL PRESSURES OR TEMPERATURES EXPECTED

- Expected BHP 1,500-2,000 psi (lower than normal pressure gradient).
- No abnormal temperature or pressures are anticipated.
- The formations to be penetrated do not contain known H2S gas.

11. WATER SUPPLY

- No water pipelines will be laid for this well.
- No water well will be drilled for this well.
- Drilling water for this will be hauled on the road(s) shown in Attachment No. 3.
- Water will be hauled from: Water Permit # 43-10447 Section 9, Township 8 South, Range 20 East

DRILLING PLAN

APPROVAL OF OPERATIONS

12. CEMENT SYSTEMS

a. Surface Cement:

- Drill 12-1/4" hole to 2,000'±, run and cement 8-5/8" to surface (depth to vary based on depth of lost circulation zone).
- Pump 20 bbls lightly weighted water spacer followed by 5 bbls fresh water. Displace with any available water.
- Casing to be run with: a) guide shoe b) insert float c) three (3) centralizers, one on each of first 3 joints d) stop ring for plug one joint off bottom e) bottom three joints thread locked f) pump job with bottom plug only. Casing to be centralized with a total of 8 centralizers.
- Cement the casing annulus to surface. Top out jobs to be performed if needed. Depending to depth of top of cement in the annulus, a 1" tubing string may or may not be utilized.

					<u>Hole</u>	<u>Cement</u>
Type	Sacks	<u>Interval</u>	Density	Yield	<u>Volume</u>	<u>Volume</u>
Lead	219	0'-1,500'	11.0 ppg	3.82 CFS	619 CF	836 CF
Tail	236	1,500'-2,000'	15.6 ppg	1.18 CFS	206 CF	279 CF
Top Out	100	0'-200'	15.6 ppg	1.18 CFS	87 CF	118 CF

Surface design volumes based on 35% excess of gauge hole.

Lead Mix: Halliburton Premium Plus V blend. Blend includes Class "G" cement, gel, salt, gilsonite.

Slurry yield: 3.82 cf/sack Slurry weight: 11.00 #/gal.

Water requirement: 22.95 gal/sack

Tail Mix: Class "G" Cement, 1/4 lb/sk Cellophane Flakes + 2% bwoc Calcium Chloride + 44.3% fresh water.

Slurry yield: 1.18 cf/sack Slurry weight: 15.60 #/gal.

Water requirement: 5.2 gal/sack

Top Out: Class "G" Cement, 1/4 lb/sk Cellophane Flakes + 2% bwoc Calcium Chloride + 44.3% fresh water.

Slurry yield: 1.18 cf/sack Slurry weight: 15.60 #/gal.

Water requirement: 5.2 gal/sack

c. Production Casing Cement:

- Drill 7-7/8" hole to 10,000'±, run and cement 5 1/2".
- Pump 20 bbl Mud Clean II unweighted spacer, followed by 20 Bbls fresh H20 spacer.
- Displace with 2% KCL.
- Production casing to be centralized with 30 centralizers.

					Hole	Cement
<u>Type</u>	Sacks 5	<u>Interval</u>	Density	Yield Yield	Volume	Volume
Lead	90	3,540 '- 4,340 '	11.5 ppg	3.12 CFS	139 CF	277 CF
Tail	1130	4,340'-10,000'	13.0 ppg	1.75 CFS	981 CF	1961 CF

Production design volumes are estimates based on 35% excess of gauge hole. Actual volumes will be calculated from caliper log to bring lead cement to 800' above top of Wasatch + 15% excess, and tail cement to top of Wasatch + 15% excess.

Lead Mix: Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.

Slurry yield: 3.12 cf/sack Slurry weight: 11.60 #/gal.

Water requirement: 17.71 gal/sack Compressives @ 130°F: 157 psi after 24 hours

Tail Mix: Halliburton HLC blend (Prem Plus V/JB flyash). Blend includes Class "G" cement, KCl, EX-1, Halad 322,

& HR-5.

Slurry yield: 1.75 cf/sack Slurry weight: 13.00 #/gal.

Water requirement: 9.09 gal/sack

Compressives (a) 165°F: 905 psi after 24 hours

13. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS

Starting Date: May 15, 2007 Duration: 14 Days

SURFACE USE PLAN

CONDITIONS OF APPROVAL

Attachment for Permit to Drill

Name of Operator:

Dominion Exploration & Production

Address:

14000 Quail Springs Parkway, Suite 600

Oklahoma City, OK 73134

Well Location:

KC 6-32E

1857' FNL & 1785' FWL Section 32-10S-19E Uintah County, UT

The dirt contractor will be provided with an approved copy of the surface use plan of operations before initiating construction.

An off-lease federal right-of-way is necessary prior to any construction outside of Section 32.

A state onsite inspection is pending at this time.

1. Existing Roads:

- a. The proposed well site is located approximately 14.40 miles southwest of Ouray, UT.
- b. Directions to the proposed well site have been attached at the end of Exhibit B.
- c. The use of roads under State and County Road Department maintenance are necessary to access the Kings Canyon area. However, an encroachment permit is not anticipated since no upgrades to the State or County Road system are proposed at this time.
- d. All existing roads will be maintained and kept in good repair during all phases of operation.
- e. Vehicle operators will obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions.
- f. Since no improvements are anticipated to the State, County, Tribal or BLM access roads no topsoil striping will occur.
- g. An off-lease federal right-of-way is needed for the off-lease portion (Section 33) of the access and pipeline corridor since both are located outside the existing state lease boundary.

2. Planned Access Roads:

- a. From the proposed KC 11-32E access road an access is proposed trending north approximately 0.3 miles to the proposed well site. The access consists of entirely new disturbance and crosses no significant drainages. A road design plan is not anticipated at this time.
- b. The proposed access road will consist of a 24' travel surface within a 30' disturbed area.
- c. SITLA approval to construct and utilize the proposed access road is requested with this application. Federal surface use is being requested through a separate federal right-of-way application.
- d. A maximum grade of 10% will be maintained throughout the project with no cuts and fills required to access the well.
- e. No turnouts are proposed.
- f. No culverts and several low water crossings are anticipated. Adequate drainage structures will be incorporated into the road.
- g. No surfacing material will come from SITLA, Federal or Indian lands.
- h. No gates or cattle guards are anticipated at this time.
- i. Surface disturbance and vehicular travel will be limited to the approved location access road.
- j. All access roads and surface disturbing activities will conform to the standards outlined in the Bureau of Land Management and Forest Service publication: <u>Surface Operating Standards for Oil and Gas Exploration and Development</u>, (1989).
- k. The operator will be responsible for all maintenance of the access road including drainage structures.

3. Location of Existing Wells:

a. Exhibit B has a map reflecting these wells within a one mile radius of the proposed well.

4. Location of Production Facilities:

- a. All permanent structures will be painted a flat, non-reflective Calsbad Canyon / Desert Tan to match the standard environmental colors. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.
- b. Site security guidelines identified in 43 CFR 3163.7-5 and Onshore Oil and Gas Order No. 3 will be adhered to.
- c. A gas meter run will be constructed and located on lease within 500 feet of the wellhead. Meter runs will be housed and/or fenced. All gas production and measurement shall comply with the provisions of 43 CFR 3162. 7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.

- d. A tank battery will be constructed on this location; it will be surrounded by a dike of sufficient capacity to contain the storage capacity of the largest tank. All loading lines and valves will be placed inside the berm surrounding the tank battery. All liquid hydrocarbons production and measurement shall conform to the provisions of 43 CFR 3162.7-3 and Onshore Oil and Gas Order No. 4 and Onshore Oil and Gas Order No. 5 for natural gas production and measurement.
- e. Any necessary pits will be properly fenced to prevent any wildlife and livestock entry.
- f. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic. The road will be maintained in a safe useable condition.
- g. The site will require periodic maintenance to ensure that drainages are kept open and free of debris, ice, and snow, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.
- h. A gas pipeline is associated with this application and is being applied for at this time. The proposed gas pipeline corridor will leave the southwest side of the well site and traverse 1,680' south to the existing KC 11-32E pipeline corridor.
- i. The new gas pipeline will be a 10" or less steel surface line within a 20' wide utility corridor. The use of the proposed well site and access roads will facilitate the staging of the pipeline construction. A new pipeline length of approximately 1,680' is associated with this well.
- j. Dominion intends on installing the pipeline on the surface by welding many joints into long lengths, dragging the long lengths into position and then completing a final welding pass to join the long lengths together. Dominion intends on connecting the pipeline together utilizing conventional welding technology.

5. Location and Type of Water Supply:

a. The location and type of water supply has been addressed as number 11 within the previous drilling plan information.

6. Source of Construction Material:

- a. The use of materials will conform to 43 CFR 3610.2-3.
- b. No construction materials will be removed from SITLA, Federal or Tribal lands.
- c. If any gravel is used, it will be obtained from a state approved gravel pit.

7. <u>Methods of Handling Waste Disposal:</u>

- All wastes associated with this application will be contained and disposed of utilizing approved facilities.
- b. Drill cuttings will be contained and buried on site.
- c. The reserve pit will be located outboard of the location and along the southeast side of the pad.
- d. The reserve pit will be constructed so as not to leak, break, or allow any discharge.

- e. The reserve pit will be lined with 16 mil minimum thickness plastic nylon reinforced liner material. The liner will overlay a felt liner pad. The pit liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. Pit walls will be sloped no greater than 2:1. A minimum 2-foot freeboard will be maintained in the pit at all times during the drilling and completion operation.
- f. The reserve pit has been located in cut material. Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as drilling is completed, and shall remain until the pit is dry. After the reserve pit has dried, all areas not needed for production will be rehabilitated.
- g. No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completion of the well.
- h. Trash will be contained in a trash cage and hauled away to an approved disposal site as necessary but no later than at the completion of drilling operations. The contents of the trash container will be hauled off periodically to the approved Uintah County Landfill near Vernal, Utah.
- Produced fluids from the well other than water will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas, salt water or other produced fluids will be cleaned up and removed.
- j. After initial clean-up, a 400 bbl tank will be installed to contain produced waste water. This water will be transported from the tank to an approved Dominion disposal well for disposal.
- k. Produced water from the production well will be disposed of at the RBU 13-11F or RBU 16-19F disposal wells in accordance with Onshore Order #7.
- l. Any salts and/or chemicals, which are an integral part of the drilling system, will be disposed of in the same manner as the drilling fluid.
- m. Sanitary facilities will be on site at all times during operations. Sewage will be placed in a portable chemical toilet and the toilet replaced periodically utilizing a licensed contractor to transport by truck the portable chemical toilet so that its contents can be delivered to the Vernal Wastewater Treatment Facility in accordance with state and county regulations.

8. Ancillary Facilities:

a. Garbage Containers and Portable Toilets are the only ancillary facilities proposed in this application.

9. Well Site Layout: (See Exhibit B)

- a. The well will be properly identified in accordance with 43 CFR 3162.6.
- b. Access to the well pad will be from the south.

- c. The pad and road designs are consistent with SITLA specification
- d. A pre-construction meeting with responsible company representative, contractors and the SITLA will be conducted at the project site prior to commencement of surface-disturbing activities. The pad and road will be construction-staked prior to this meeting.
- e. The pad has been staked at its maximum size as reflected on the location layout; however it will be constructed smaller if possible, depending upon rig availability. Should the layout change, this application will be amended and approved utilizing a sundry notice.
- f. All surface disturbing activities, will be supervised by a qualified, responsible company representative who is aware of the terms and conditions of the APD and specifications in the approved plans.
- g. All cut and fill slopes will be such that stability can be maintained for the life of the activity.
- h. Diversion ditches will be constructed as shown around the well site to prevent surface waters form entering the well site area.
- The site surface will be graded to drain away from the pit to avoid pit spillage during large storm events.
- j. The stockpiled topsoil (first 6 inches or maximum available) will be stored in a windrow on the uphill side of the location to prevent any possible contamination. All topsoil will be stockpiled for reclamation in such a way as to prevent soil loss and contamination.
- k. Pits will remain fenced until site cleanup.
- 1. The blooie line will be located at least 100 feet from the well head.
- m. Water injection may be implemented if necessary to minimize the amount of fugitive dust.

10. Plans for Restoration of the Surface:

- a. Site reclamation for a producing well will be accomplished for portions of the site not required for the continued operation of the well.
- b. The Operator will control noxious weeds along access road use authorizations, pipeline route authorizations, well sites, or other applicable facilities by spraying or mechanical removal. A list of noxious weeds may be obtained from the SITLA or the appropriate County Extension Office.
- c. Upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1. Once the reserve pit is dry, the plastic nylon reinforced liner shall be torn and perforated before backfilling of the reserve pit. The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours.
- d. The cut and fill slopes and all other disturbed areas not needed for the production operation will be top soiled and re-vegetated. The stockpiled topsoil will be evenly distributed over the disturbed area.
- e. Prior to reseeding the site, all disturbed areas, including the access road, will be scarified and left with a rough surface. The site will then be seeded and/or planted as prescribed by the SITLA and the BLM.

11. Surface and Mineral Ownership:

- a. Surface Ownership State of Utah under the management of the SITLA -State Office, 675 East 500 South, Suite 500, Salt Lake, City, Utah 84102-2818; 801-538-5100.
- b. Mineral Ownership State of Utah under the management of the SITLA -State Office, 675 East 500 South, Suite 500, Salt Lake, City, Utah 84102-2818; 801-538-5100.

12. Other Information:

- a. AIA Archaeological has conducted a Class III archeological survey. A copy of the report hs been submitted under separate cover to the appropriate agencies by AIA Archaeological.
- b. Alden Hamblin has conducted a paleontological survey. A copy of the report has been submitted under separate cover to the appropriate agencies by Alden Hamblin.

c. Additional information:

- a. No drainage crossings that require additional State or Federal approval are being crossed.
- b. No raptor habitat is known to exist within 1 mile of the proposed wellsite.
- c. An off-lease federal right-of-way is necessary prior to any construction outside of state section 32.

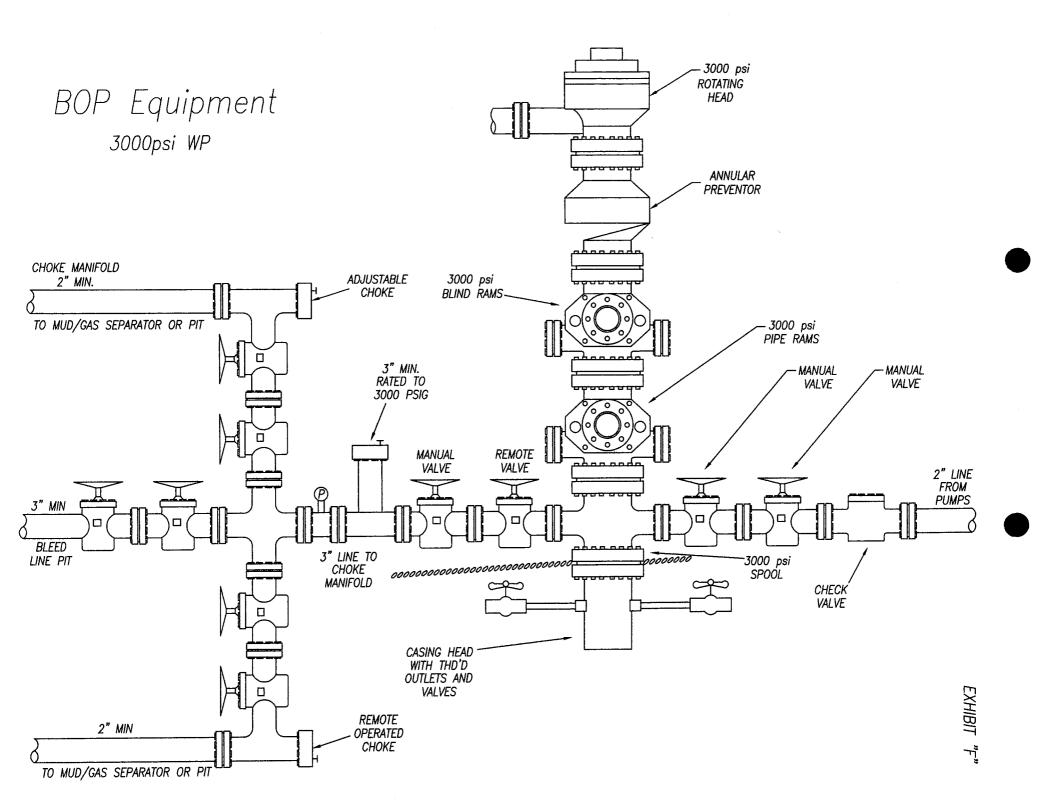
13. Operator's Representative and Certification

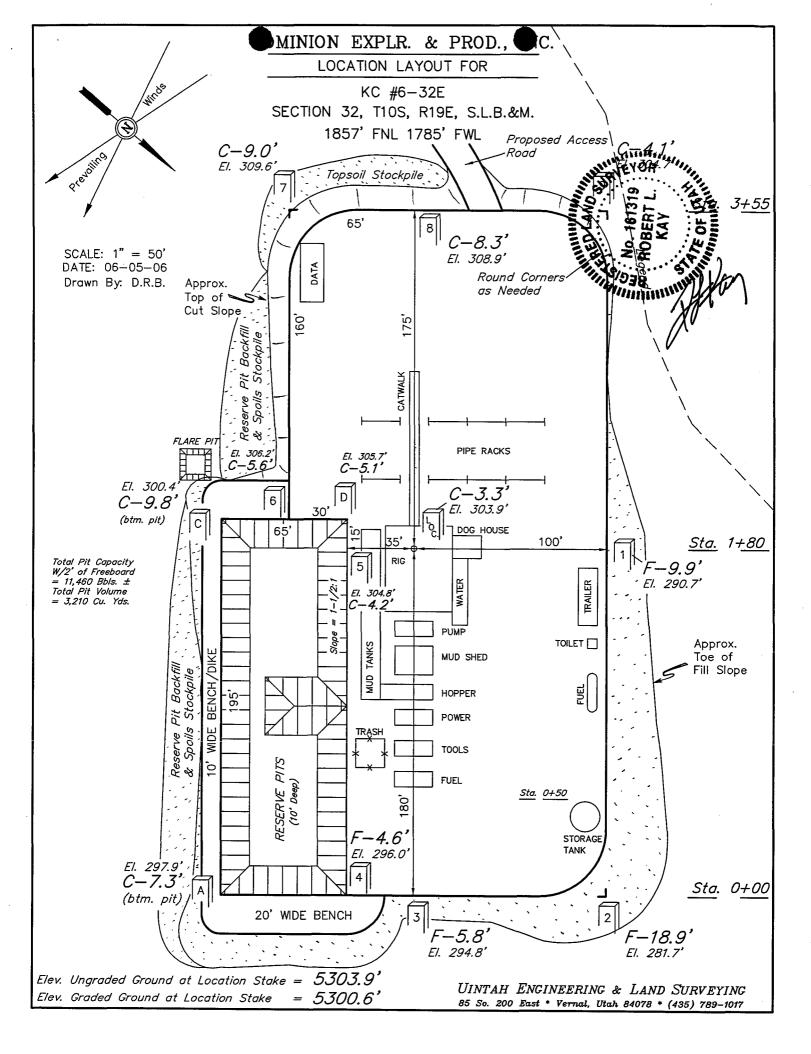
Title	Name	Office Phone
Company Representative (Roosevelt)	Ken Secrest	1-435-722-4521
Company Representative (Oklahoma)	Carla Christian	1-405-749-5263
Agent for Dominion	Don Hamilton	1-435-719-2018

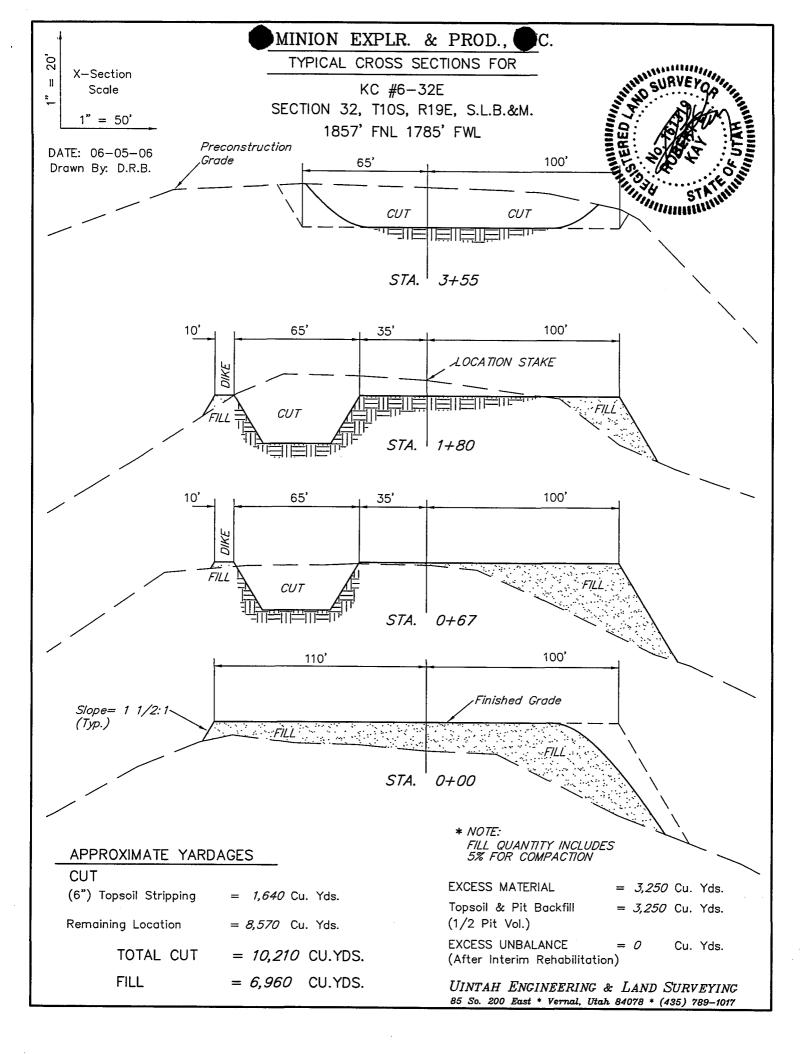
Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exists; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Dominion Exploration & Production, Inc. and its contractors and subcontractors in conformity with this APD package and the terms and conditions under which it is approved. I also certify responsibility for the operations conducted on that portion of the leased lands associated with this application, with bond coverage being provided under Dominion's State and BLM bond. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Signature: Don Hamilton Date: 10-30-







DOMINION EXPLR. & PROD., INC.

KINGS CANYON #6-32E

LOCATED IN UINTAH COUNTY, UTAH SECTION 32, T10S, R19E, S.L.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHWESTERLY

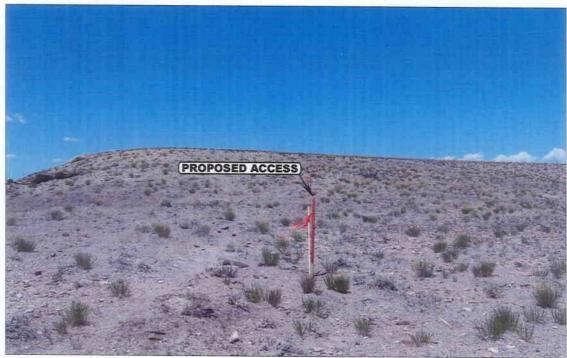


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHERLY



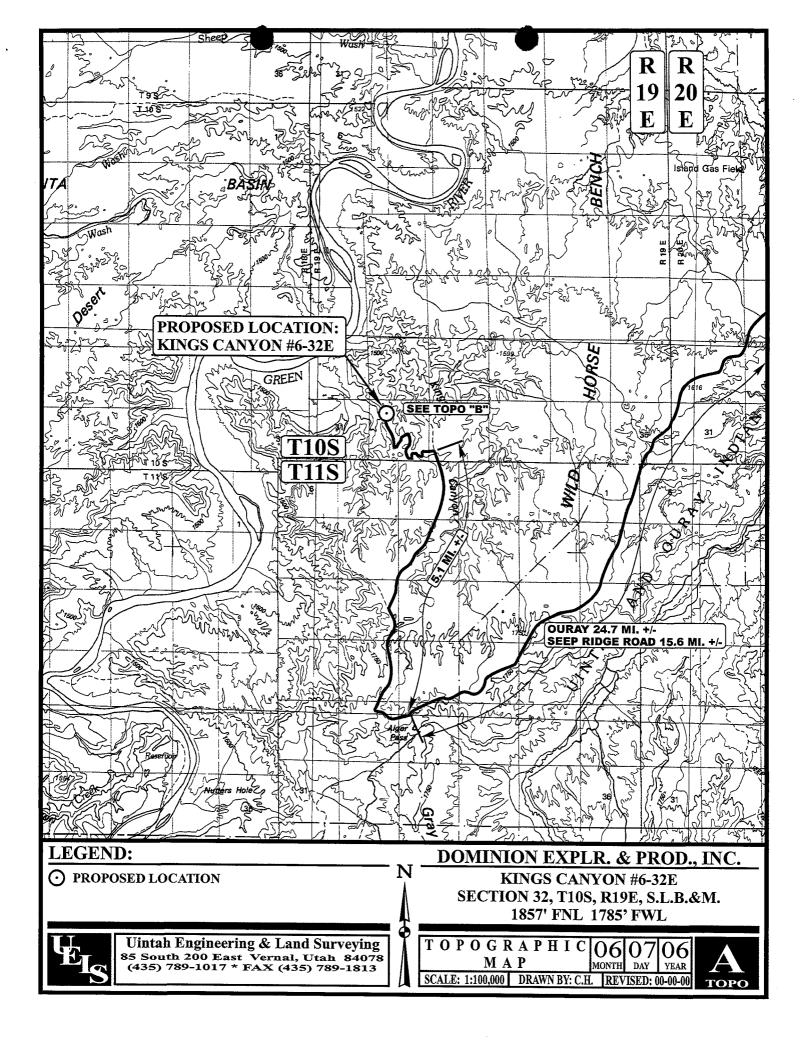
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

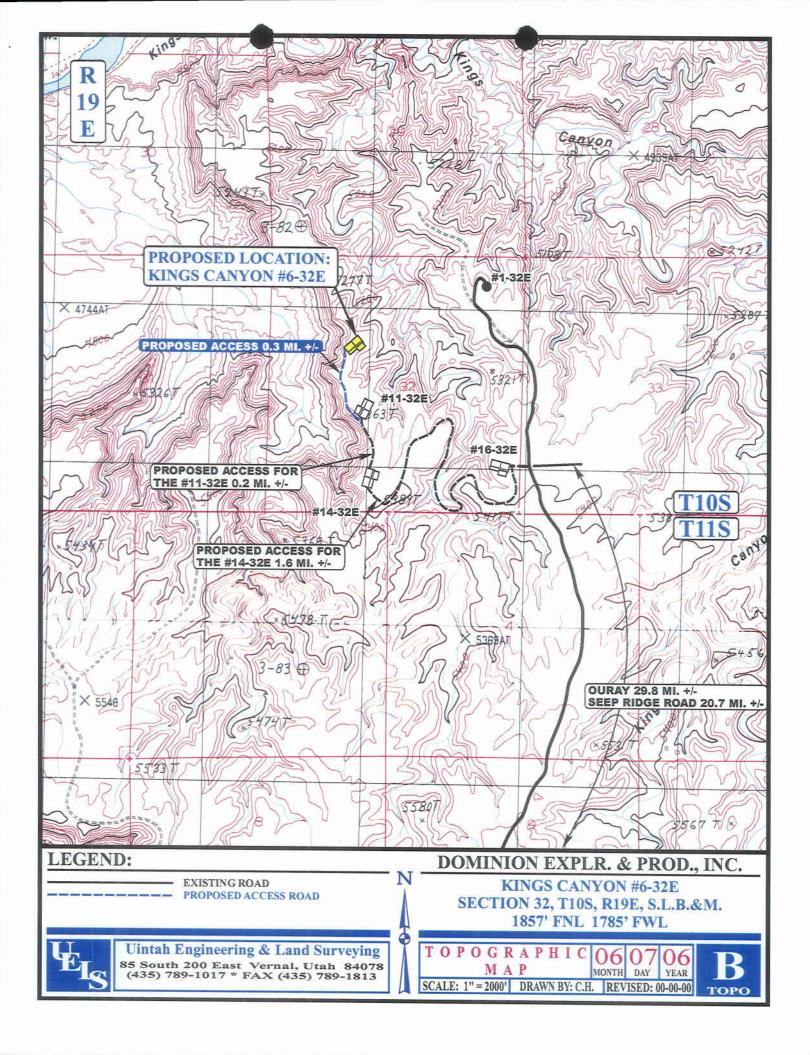
LOCATION PHOTOS

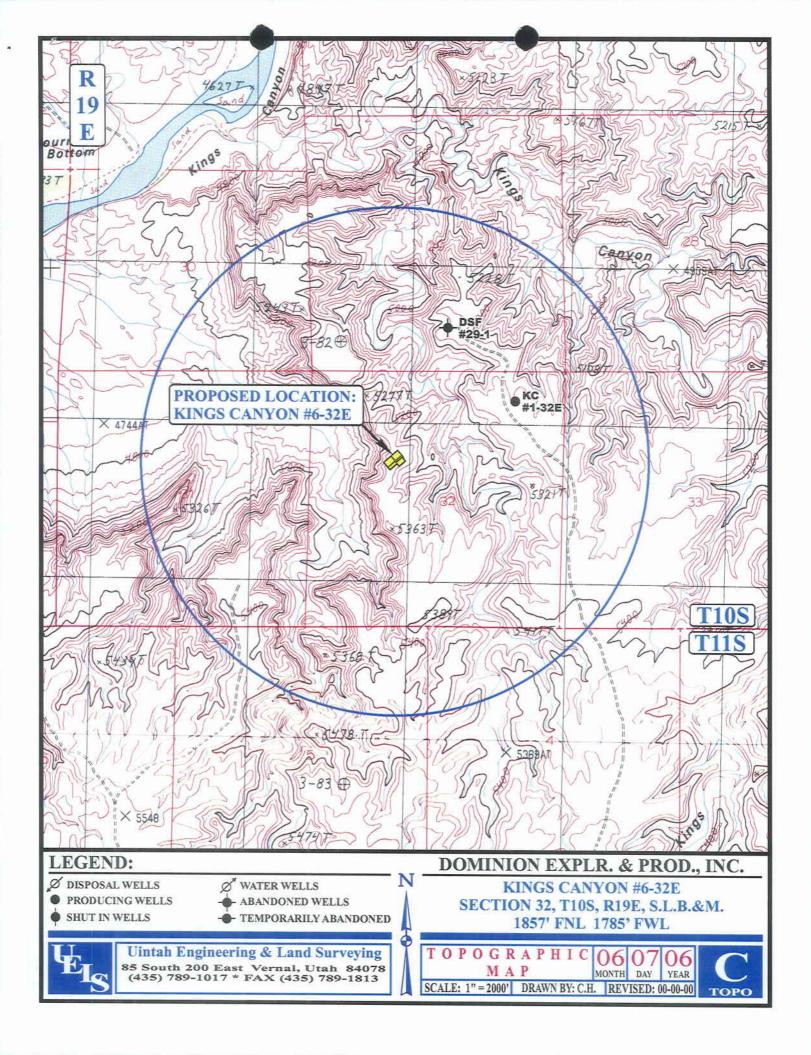
06 07 06 MONTH DAY YEAR

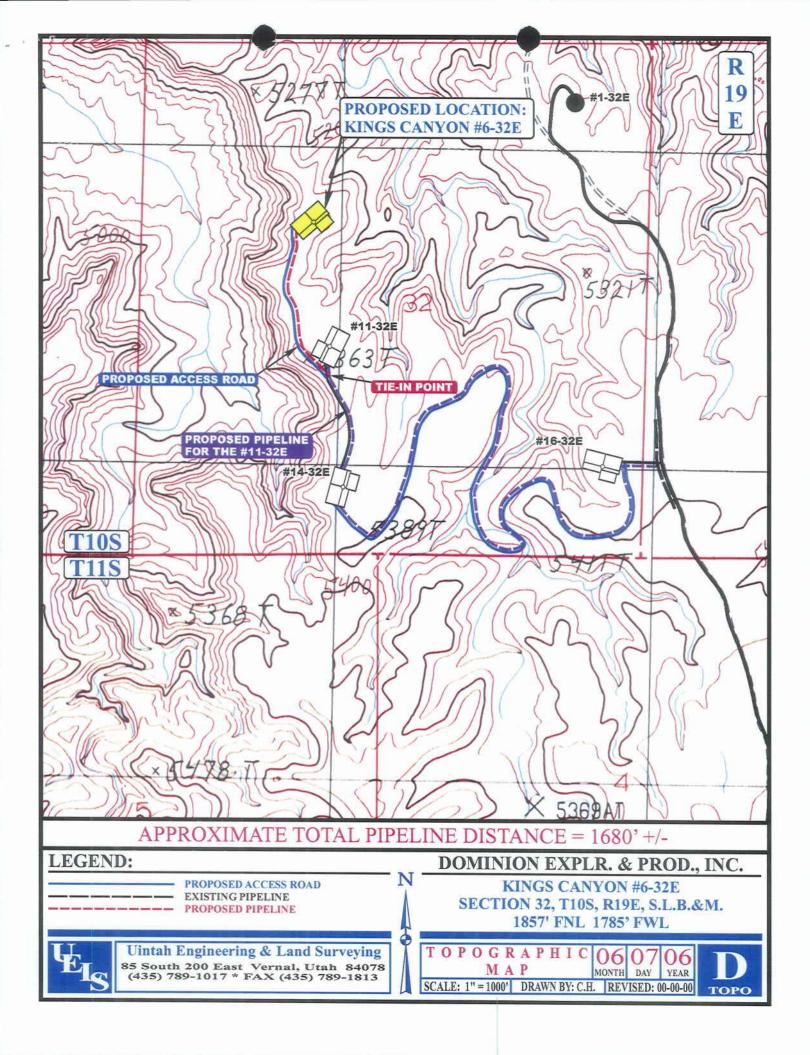
РНОТО

TAKEN BY: B.B. | DRAWN BY: C.H. | REVISED: 00-00-00





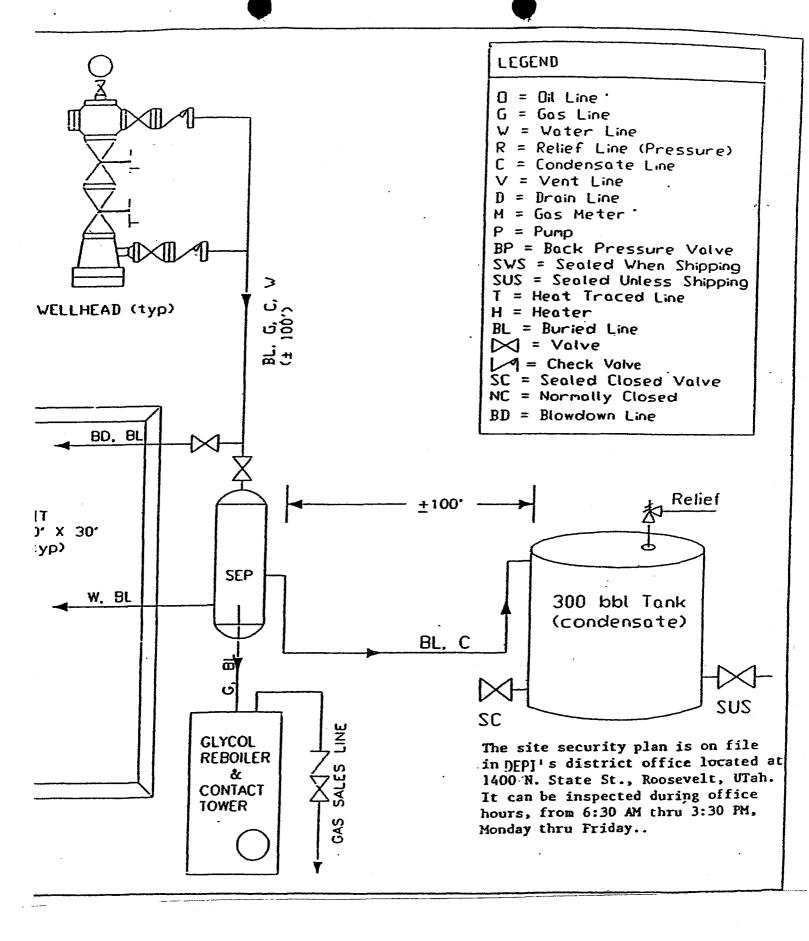




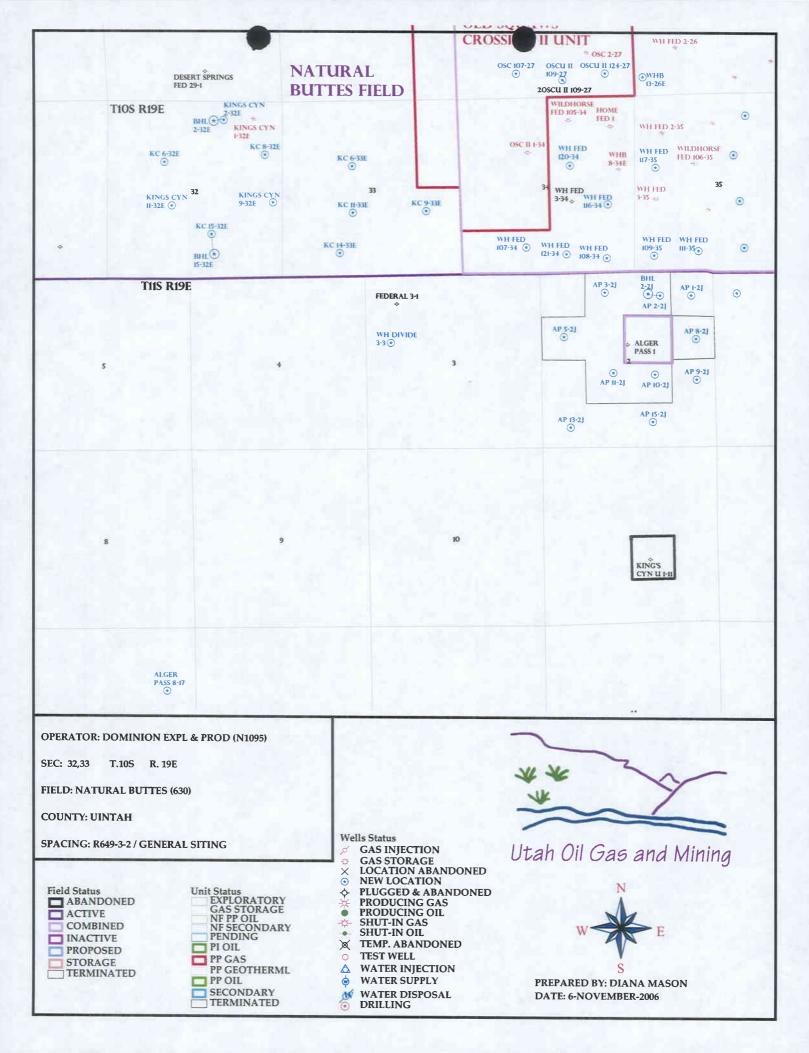
DOMINION EXPLR. & PROD., INC. KINGS CANYON #6-32E SECTION 32, T10S, R19E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 9.1 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN RIGHT AND PROCEED IN A WESTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN RIGHT AND PROCEED IN A NORTHERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 12.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY, THEN NORTHERLY DIRECTION APPROXIMATELY 5.1 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE #16-32E TO THE WEST; FOLLOW ROAD FLAGS IN A WESTERLY DIRECTION APPROXIMATELY 350' TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE #14-32 TO THE SOUTHEAST; FOLLOW ROAD FLAGS IN A SOUTHEASTERLY, THEN SOUTHWESTERLY, THEN NORHTERLY, THEN SOUTHWESTERLY, THEN NORTHWESTERLY DIRECTION APPROXIMATELY 1.6 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE #11-32 TO THE NORTHEAST; FOLLOW ROAD FLAGS IN A NORTHEASTERLY, THEN NORTHWESTERLY, THEN NORTHERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTHWEST; FOLLOW ROAD FLAGS IN A NORTHWESTERLY, THEN NORTHERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 62.9 MILES.



APD RECEIVED: 11/01/2006	API NO. ASSIGNED: 43-047-38781			
WELL NAME: KC 6-32E				
OPERATOR: DOMINION EXPL & PROD (N1095)	PHONE NUMBER: 405-749-5263			
CONTACT: DON HAMILTON				
PROPOSED LOCATION:	INSPECT LOCATN BY: / /			
SENW 32 100S 190E SURFACE: 1857 FNL 1785 FWL	Tech Review Initials Date			
BOTTOM: 1857 FNL 1785 FWL	Engineering DWD 12/21/0			
COUNTY: UINTAH	Geology			
LATITUDE: 39.90572 LONGITUDE: -109.8077				
UTM SURF EASTINGS: 601916 NORTHINGS: 44177 FIELD NAME: NATURAL BUTTES (630				
LEASE TYPE: 3 - State LEASE NUMBER: ML-47059 SURFACE OWNER: 3 - State	PROPOSED FORMATION: MVRD COALBED METHANE WELL? NO			
RECEIVED AND/OR REVIEWED:	LOCATION AND SITING: R649-2-3.			
Bond: Fed[] Ind[] Sta[] Fee[]	Unit:			
(No. 76S63050600) Notash (Y/N)	R649-3-2. General			
→ Oil Shale 190-5 (B) or 190-3 or 190-13	Siting: 460 From Qtr/Qtr & 920' Between Wells			
Water Permit	R649-3-3. Exception Drilling Unit			
(No. <u>43-10447</u>)				
CDate:	Board Cause No:			
(Date:) NA Fee Surf Agreement (Y/N)	Eff Date:			
(1/1/)	Siting:			
NA Intent to Commingle (Y/N)	R649-3-11. Directional Drill			
COMMENTS: Nords Print [1]	29-06)			
STIPULATIONS: 1- Spacing Ship 2- Startenting 3- Serf. Csq. (of Basis			
3- Surf. Csg. (-mtstop			



Application for Permit to Drill

Statement of Basis

12/7/2006

Utah Division of Oil, Gas and Mining

Page 1

APD No

Operator

API WellNo

Status

Well Type GW

Surf Ownr

CBM

149

43-047-38781-00-00

Surface Owner-APD

S

No

DOMINION EXPL & PROD INC Well Name KC 6-32E

Unit

Field

UNDESIGNATED

Type of Work

Location

SENW 32 10S 19E S 0 FL 0 FL

GPS Coord (UTM) 601916E 4417764N

Geologic Statement of Basis

Dominion proposes to set 2,000 feet of surface casing cemented to the surface. The base of the moderately saline water is estimated at 4,300 feet. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the proposed location. The surface formation at this location is the Uinta Formation. The Uinta Formation is made up of discontinuous sands interbedded with shales and are not expected to produce prolific aquifers. The production string cement should be brought up above the base of the moderately saline water to prevent it from mixing with fresher waters up hole.

Brad Hill

12/7/2006

APD Evaluator

Date / Time

Surface Statement of Basis

The general area is located approximately 14 miles southwest of Ouray, Utah and is known as Wild Horse Bench. Drainages are into Kings Canyon, which drains into the Green River. All drainages in the area are dry or ephemeral. The only known water is in the Green River. The area consists of several large open flats with somewhat frequent and steep side-draws. The Uintah and Ouray Indian Reservation is to the east.

This location lies along the top of a narrow flat ridge. It extends to both sides of the ridge. The ridge breaks sharply off into steep canyons on both the west and east sides. The ridge has a fair native desert shrub-grass vegetation cover. Surface run-off is light. The location is north of the proposed Kings Canyon 11-32E well and will require 0.3 miles of new road beyond this location.

Both the surface and minerals are owned by SITLA. Bad weather prevented Mr. Ed Bonner of SITLA from attending the presite evaluation. The proposed location appears to be the best site for drilling and operating a well in the immediate area.

Floyd Bartlett

11/29/2006

Onsite Evaluator

Date / Time

Conditions of Approval / Application for Permit to Drill

Category

Condition

Pits

A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be

properly installed and maintained in the reserve pit.

Utah Division of Oil, Gas and Mining

Operator

DOMINION EXPL & PROD INC

Well Name

KC 6-32E

API Number

43-047-38781-0

APD No 149 **Tw** 10S Field/Unit UNDESIGNATED

Location: 1/4,1/4 SENW

SENW Sec 32

Rng 19E

0 FL 0 FL

GPS Coord (UTM) 601918

4417767

Surface Owner

Participants

Floyd Bartlett (DOGM), Don Hamilton (Buys and Associates-Consultant), Ken Secrist (Dominion),), Ben Williams (UDWR), Brandon Bowthorpe (U.E.L.S.), Bill McClure (LaRose Construction

Regional/Local Setting & Topography

The general area is located approximately 14 miles southwest of Ouray, Utah and is known as Wild Horse Bench. Drainages are into Kings Canyon, which drains into the Green River. All drainages in the area are dry or ephemeral. The only known water is in the Green River. The area consists of several large open flats with somewhat frequent and steep side-draws. The Uintah and Ouray Indian Reservation is to the east.

This location lies along the top of a narrow flat ridge. It extends to both sides of the ridge. The ridge breaks sharply off into steep canyons on both the west and east sides. The ridge has a fair native desert shrub-grass vegetation cover. Surface run-off is light. The location is north of the proposed Kings Canyon 11-32E well and will require 0.3 miles of new road beyond this location.

Surface Use Plan

Current Surface Use

Wildlfe Habitat

Grazing

New Road

Miles

Well Pad

Src Const Material

Surface Formation

0.3

Width 200

Length 355

Onsite

UNTA

Ancillary Facilities N

Waste Management Plan Adequate? Y

Environmental Parameters

Affected Floodplains and/or Wetland N

Flora / Fauna

Antelope, deer, elk, coyotes, rabbits and miscellaneous small mammals and birds.

Big sagebrush, broom snakeweed, curly mesquite, shadscale.

Soil Type and Characteristics

Shallow rocky sandy loam.

Erosion Issues N

Sedimentation Issues N

Drainage Diverson Required N

Berm Required? N

Erosion Sedimentation Control Required? N

Paleo Survey Run? Y Paleo Potental Observed? N Cultural Survey Run? Y Cultural Resources?

Reserve Pit

Site-Specific Factors		Site F	Ranking	
Distance to Groundwater (feet)	>200		0	
Distance to Surface Water (feet)	>1000		0	
Dist. Nearest Municipal Well (ft)	>5280		0	
Distance to Other Wells (feet)	>1320		0	
Native Soil Type	Mod permeability		10	
Fluid Type	Fresh Water		5	
Drill Cuttings	Normal Rock		0	
Annual Precipitation (inches)	<10		0	
Affected Populations	<10		0	
Presence Nearby Utility Conduits	Not Present		0	
		Final Score	15	1 Sensitivity Level

Characteristics / Requirements

65 x 195' x 10' deep located in an area of cut on the southeast side of the location. Sensitivity level 1. Liner and sub felt are both required.

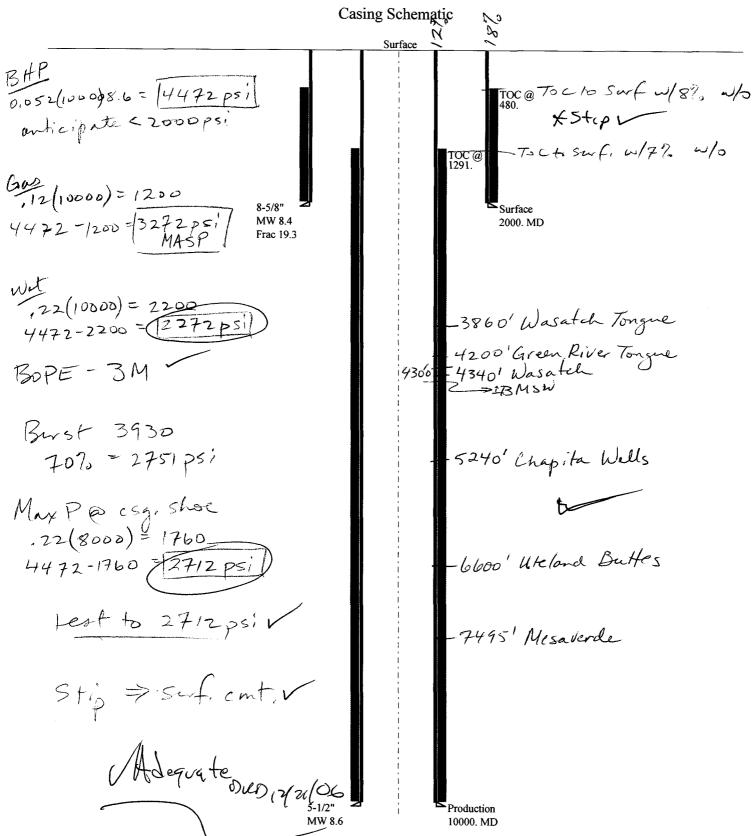
Closed Loop Mud Required? N Liner Required? Y Liner Thickness 16 Pit Underlayment Required? Y

Other Observations / Comments

Ben Williams representing the UDWR stated the area is classified as yearlong critical habitat for antelope but water not forage is the factor limiting the growth of the herd. It is also classified as limited value yearlong habitat for deer and elk. He did not recommend any restrictions for any of these species. He furnished Jim Davis of SITLA and Don Hamilton, Dominion Permit Agent copies of his evaluation and a recommended seed mix to be used when the site is re-vegetated.

Floyd Bartlett 11/29/2006 **Evaluator Date / Time**

2006-12 Dominion KC 32E



Well name:

2006-12 Dominion KC 6-32E

Operator:

Dominion Exploration and Production

String type:

Surface

Project ID: 43-047-38781

Location:

Collapse

Uintah County

Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor

Environment:

H2S considered? Surface temperature:

No 75 °F 103 °F

Bottom hole temperature: Temperature gradient: Minimum section length:

1.40 °F/100ft 500 ft

Burst:

Design factor

1.00

1.80 (J)

1.125

Cement top:

480 ft

Burst

Max anticipated surface

No backup mud specified.

pressure:

1,735 psi

8.400 ppg

Internal gradient: Calculated BHP

Design parameters:

Mud weight:

0.120 psi/ft 1,975 psi

Tension:

8 Round STC: 8 Round LTC: **Buttress:**

Body yield:

1.80 (J)

1.60 (J) Premium: 1.50 (J)

1.50 (B)

Tension is based on buoyed weight. Neutral point: 1,750 ft

Non-directional string,

Re subsequent strings:

Next setting depth: Next mud weight: Next setting BHP:

10,000 ft 8.600 ppg 4,468 psi 19.250 ppg

1,972 ft

1.972 psi

Fracture mud wt: Fracture depth: Injection pressure:

Run Segment Nominal End **True Vert** Measured Drift Internal Seq Length Size Weight Grade **Finish** Depth Depth Diameter Capacity (ft) (in) (lbs/ft) (ft) (ft) (in) (ft³) 1 2000 8.625 32.00 J-55 ST&C 2000 2000 7.875 684.3 Run Collapse Collapse Collapse **Burst Burst Burst Tension Tension Tension** Seq Load Strength Design Load Strength Design Load Strength Design (psi) (psi) **Factor** (psi) (psi) **Factor** (Kips) (Kips) **Factor** 1 873 2530 2.899 1975 3930 1.99 56 372 6.64 J

Prepared

Helen Sadik-Macdonald Div of Oil, Gas & Minerals Phone: 801-538-5357 FAX: 801-359-3940

Date: December 20,2006 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 2000 ft, a mud weight of 8.4 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:

2006-12 Dominion KC 6-32E

Operator:

Dominion Exploration and Production

String type:

Production

Design is based on evacuated pipe.

Project ID:

43-047-38781

Location:

Collapse

Uintah County

Minimum design factors:

Collapse: Design factor **Environment:**

H2S considered? Surface temperature:

No 75 °F 215 °F

Bottom hole temperature: Temperature gradient:

1.40 °F/100ft

Minimum section length: 1,500 ft

Burst:

Design factor

1.00

1.125

Cement top:

1,291 ft

Burst

Max anticipated surface

No backup mud specified.

pressure:

2,268 psi

8.600 ppg

Internal gradient: Calculated BHP

Depth of change:

Upper annular mud:

Design parameters:

Mud weight:

0.220 psi/ft

2.000 ft

0.000 ppg

4,468 psi

Tension:

8 Round STC: 8 Round LTC:

1.80 (J) **Buttress:** 1.60 (J) Premium:

Body yield:

1.50 (J) 1.50 (B)

1.80 (J)

Tension is based on buoved weight. Neutral point: 8,696 ft

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (Ibs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	10000	5.5	17.00	Mav-80	LT&C	10000	10000	4.767	1305.3
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	4468	6290	1.408	4468	7740	1.73	148	273	1.85 B

Prepared

Helen Sadik-Macdonald

Div of Oil, Gas & Minerals

Phone: 801-538-5357

FAX: 801-359-3940

Date: December 20,2006

Salt Lake City, Utah

Collapse is based on a vertical depth of 10000 ft, a mud weight of 8.6 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

From:

Ed Bonner

To:

Mason, Diana

Date:

11/21/2006 10:14 AM

Subject:

Well Clearance

CC:

Davis, Jim; Garrison, LaVonne; Hill, Brad; Hunt, Gil

The following wells have been given cultural resource clearance by the Trust Lands Cultural Resources Group:

Cabot Oil & Gas Corporation

Gusher 13-36-5-19 (API 43 047 38538) Gusher 14-36-5-19 (API 43 047 38539)

Dominion E&P, Inc

AP 11-2J (API 43 047 38786)

AP 13-2J (API 43 047 38787)

Kings Canyon 6-32E (API 43 047 38781)

Kings Canyon 15-32E (API 43 047 38782)

EOG Resources, Inc

Chapita Wells Unit 554-2F (API 43 047 36935)

Chapita Wells Unit 1218-2 (API 43 047 38320)

The Houston Exploration Company

Gusher 13-11-5-19 (API 43 047 38462)

Squaw Ridge 14-16-7-25 (API 43 047 38461)

QEP Uinta Basin Inc

GB 4SG-36-8-21 (API 43 047 38764)

If you have any questions regarding this matter please give me a call.



State of Utah

Department of Natural Resources

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA Division Director JON M. HUNTSMAN, JR. Governor

GARY R. HERBERT Lieutenant Governor

December 21, 2006

Dominion Exploration & Production, Inc. 14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134

Re: KC 6-32E Well, 1857' FNL, 1785' FWL, SE NW, Sec. 32, T. 10 South, R. 19 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-38781.

Sincerely,

Gil Hunt

Associate Director

pab Enclosures

cc: Uintah County Assessor (via e-mail)

SITLA

Operator:	Dominion Exploration & Production, Inc.
Well Name & Number	KC 6-32E
API Number:	43-047-38781
Lease:	ML-47059

Conditions of Approval

T. 10 South

R. 19 East

Sec. 32

1. General

Location: SE NW

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.
- 5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

Page 2 43-047-38781 December 21, 2006

- 6. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.
- 7. Surface casing shall be cemented to the surface.

Division of Oil, Gas and Mining

COMMENTS:

OPERATOR CHANGE WORKSHEET

1. DJJ 2. CDW

							2. CDW	
X - Change of Operator (Well Sold)			Opera	tor Name	Change/Merg	er		
The operator of the well(s) listed below has chang	ged, effectiv	e:	7/1/2007					
FROM: (Old Operator):			TO: (New Operator):					
N1095-Dominion Exploration & Production, Inc			N2615-XTO E	•				
14000 Quail Springs Parkway, Suite 600				ouston St				
Oklahoma City, OK 73134			•	orth, TX 76	102			
,				,				
Phone: 1 (405) 749-1300			Phone: 1 (817)	870-2800				
CA No.		•	Unit:					
WELL NAME	SEC TWN	RNG	API NO		LEASE TYPE		WELL	
SEE ATTACHED LIST				NO		TYPE	STATUS	
	. TTO 2.			, , , , , , , , , , , , , , , , , , , ,				
OPERATOR CHANGES DOCUMENTA	ATION							
Enter date after each listed item is completed 1. (R649-8-10) Sundry or legal documentation wa	a raccived f	ham tha	EODMED and	motom on:	9/6/2007			
					8/6/2007	•		
2. (R649-8-10) Sundry or legal documentation wa			•		8/6/2007			
3. The new company was checked on the Depart n		nmerce	•	-	Database on:		8/6/2007	
4a. Is the new operator registered in the State of U	tah:		Business Numb	per:	5655506-0143			
4b. If NO, the operator was contacted contacted of	n:							
5a. (R649-9-2)Waste Management Plan has been re-	ceived on:		IN PLACE					
5b. Inspections of LA PA state/fee well sites compl	ete on:		n/a	-				
5c. Reports current for Production/Disposition & S	undries on:		ok	-	•			
6. Federal and Indian Lease Wells: The BL	M and or th	e BIA ł	as approved the	- e merger, na	me change.			
or operator change for all wells listed on Federa				BLM	- ·	BIA		
7. Federal and Indian Units:		204505	***			DIT	•	
The BLM or BIA has approved the successor	of unit one	rator for	r wells listed on	•				
8. Federal and Indian Communization Agi	_			•	-	•		
The BLM or BIA has approved the operator f								
9. Underground Injection Control ("UIC"				oved IIIC Fo	orm 5, Transfer	of Autho	rity to	
Inject, for the enhanced/secondary recovery un	•				•	or Aum	nity to	
DATA ENTRY:	ivproject io	i uie wa	iter disposar we	n(s) nstea o	u.		•	
			0/27/2007					
1. Changes entered in the Oil and Gas Database		E	9/27/2007	-	0/27/2007			
 Changes have been entered on the Monthly Op Bond information entered in RBDMS on: 	erator Cha	inge Sp	9/27/2007	•	9/27/2007	•		
4. Fee/State wells attached to bond in RBDMS on	•		9/27/2007	-				
5. Injection Projects to new operator in RBDMS of			9/27/2007	-				
6. Receipt of Acceptance of Drilling Procedures for		v on.	3/2//2007	9/27/2007				
BOND VERIFICATION:	J. 1 12 12/11/01	. 011.		3/2//2007				
Federal well(s) covered by Bond Number:			UTB000138					
 Indian well(s) covered by Bond Number: 			n/a	-				
3a. (R649-3-1) The NEW operator of any state/fee	e well(s) list	ted cove		- umber	104312762			
3b. The FORMER operator has requested a release			· ·	1/23/2008				
The Division sent response by letter on:	or madning	aom u	ion cond on.	1,23,2000				
LEASE INTEREST OWNER NOTIFIC	ATION:				. , ,			
4. (R649-2-10) The NEW operator of the fee wells		ntacted	and informed b	v a letter fro	om the Division			
of their responsibility to notify all interest owner				, a loud He	1/1/101011			

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES		FORM 9
DIVISION OF OIL, GAS AND MINING		5. LEASE DESIGNATION AND SERIAL NUMBER:
SUNDRY NOTICES AND REPORTS ON N	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom- drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such	7. UNIT or CA AGREEMENT NAME:	
1. TYPE OF WELL OIL WELL GAS WELL ✓ OTHER		8. WELL NAME and NUMBER:
		SEE ATTACHED
2. NAME OF OPERATOR: XTO Energy Inc. N36/5		9. API NUMBER:
3. ADDRESS OF OPERATOR: 810 Houston Street	PHONE NUMBER:	SEE ATTACHED 10. FIELD AND POOL, OR WILDCAT:
CITY Fort Worth STATE TX ZIP 76102	(817) 870-2800	Natural Buttes
4. LOCATION OF WELL FOOTAGES AT SURFACE: SEE ATTACHED		соинту: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NAT	URE OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION	
NOTICE OF INTENT	EPEN	REPERFORATE CURRENT FORMATION
	ACTURE TREAT	SIDETRACK TO REPAIR WELL
	W CONSTRUCTION ERATOR CHANGE	TEMPORARILY ABANDON
	JG AND ABANDON	Using Repair Vent or Flare
	JG BACK	WATER DISPOSAL
(Submit Original Form Only)	ODUCTION (START/RESUME)	WATER SHUT-OFF
Date of work completion:	CLAMATION OF WELL SITE	
	COMPLETE - DIFFERENT FORMATION	OTHER:
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent de		ne etc
Effective July 1, 2007, XTO Energy Inc. has purchased the well		
Checuve July 1, 2007, ATO Energy Inc. has purchased the well	s listed on the attachment	thon;
Dominion Exploration & Production, Inc. 14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134		
James D. Abercrombie Sr. Vice President, General Manager - Western Business Unit	00	
Please be advised that XTO Energy Inc. is considered to be the under the terms and conditions of the lease for the operations of is provided by Nationwide BLM Bond #104312750 and Department	conducted upon the lease	lands. Bond coverage
NAME (PLEASE PRINT) Edwin S. Ryan, Jr.	TITLE Sr. Vice Presider	nt - Land Administration
SIGNATURE Ecliver & Lym. In	DATE <u>7/31/2007</u>	
This snace for State use only)		DECEIVED

(5/2000)

APPROVED 9131107

Carlene Russell

Division of Oil, Gas and Mining

Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

AUG 0 6 2007

DIV. OF OIL, GAS & MINING

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

Request to Transfer Application or Permit to Drill

(This form should accompany a Sundry Notice, Form 9, requesting APD transfer)

API r	name:	SEE ATTACH	IED LIST			
	number:					
Loca	ition:	Qtr-Qtr:	Section:	Township Range		
Com	pany that filed original application:	DOMINION E	&P			
Date	original permit was issued:					
Com	pany that permit was issued to:	DOMINION E	E&P			
Check one			ired Action:			
	· · · · · · · · · · · · · · · · · · ·					
	Transfer pending (unapproved) App	olication for Pe	rmit to Drill to ne	ew operator		
	The undersigned as owner with legal submitted in the pending Application for owner of the application accepts and a	or Permit to Dril	II. remains valid ar	nd does not require revision. The	new	
√	Transfer approved Application for F	Permit to Drill t	o new operator			
	The undersigned as owner with legal information as submitted in the previo revision.	rights to drill on usly approved a	the property as peoplication to drill,	ermitted, hereby verifies that the remains valid and does not requi	re	
Folio	owing is a checklist of some items re	lated to the ap	plication, which s	should be verified.	Yes	No
If loc	ated on private land, has the ownership	changed?				✓
	If so, has the surface agreement beer	updated?				
Have	e any wells been drilled in the vicinity of irements for this location?					✓
	e there been any unit or other agreemer	its put in place t	hat could affect th	ne permitting or operation of this		✓
Have	osed well?					
Have prop	osed well? e there been any changes to the access osed location?	route including	ownership or righ	t-of-way, which could affect the		✓
Have prop Have prop	e there been any changes to the access osed location? the approved source of water for drilling	changed?				✓
Have prop Have prop Has	e there been any changes to the access osed location?	g changed? e surface location				-
Have prop	e there been any changes to the access osed location? the approved source of water for drilling there been any physical changes to the	changed? e surface location?	on or access route	e which will require a change in	✓	✓

The person signing this form must have legal authority to represent the company or individual(s) to be listed as the new operator on the Application Permit to Drill.

AUG 3 0 2007

(3/2004)

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

api	well name	qtr qtr	sec	twp	rng	lease num	entity	Lease	well	stat
4303930028	SKYLINE U 14-28	SESW	28			UTU-77262	Circly	Federal	GW	APD
4303930029	SKYLINE U 8-7	SENE	07		1	UTU-78415		Federal	GW	APD
4304737195	KC 6-33E	SENW	33			UTU-49522	 	Federal	ow	APD
4304737196	KC 9-33E	NESE	33			UTU-49522		Federal	OW	APD
4304737197	KC 11-33E	NESW	33			UTU-49522	 	Federal	OW	APD
4304737157	LCU 7-9H	NWSE	09			UTU-76265	-	Federal	GW	APD
4304738689	RBU 15-8E	NENE	17			U-013766	 	Federal	GW	APD
4304738783	KC 14-33E	SESW	33	100S		UTU-49522		Federal	GW	APD
4304738868	LOVE 12-20G	NWSW	20			UTU-076040	\vdash	Federal	GW	APD
4304738889	KC 9-31E	NESE	31	1		UTU-81719		Federal	GW	APD
4304738890	KC 13-31E	SWSW	31			UTU-81719	_	Federal	GW	APD
4304738891	KC 12-33E	NWSW	33	1		UTU-49522	 	Federal	GW	APD
4304738948	KC 14-31E	SESW	31	1		UTU-081719		Federal	GW	APD
4304738949		NENW	33			UTU-49522	 	Federal	GW	APD
4304739051	KC 15-31E	SWSE	31			UTU-81719	 	Federal	GW	APD
4304739068	KC 7-33E	SWNE	33			UTU-49522		Federal	GW	APD
4304739069	KC 13-33E	SWSW	33			UTU-49522	T	Federal	GW	APD
4304739070	KC 15-33E	SWSE	33	100S		UTU-49522		Federal	GW	APD
4304739415	WHB 4-5H	NWNW	05	110S		UTU-39223		Federal	GW	APD
4304739416	WHB 12-5H	NWSW	05	110S	200E	UTU-39223	 	Federal	GW	APD
4304739417	WHB 13-5H	swsw	05	110S	200E	UTU-39223	T	Federal	GW	APD
4304739440	WHB 4-8H	NWNW	08	110S	200E	UTU-39223		Federal	GW	APD
4304739441	WHB 5-5H	NWNW	05	110S	200E	UTU-39223		Federal	GW	APD
4304738262	KINGS CYN 9-32E	NESE	32	100S	190E	ML-047059		State	GW	APD
4304738342	LCU 12-12H	NWSW	12	110S	200E	FEE		Fee	GW	APD
4304738378	KINGS CYN 11-32E	NESW	32	100S	190E	ML-047059		State	GW	APD
4304738690	KINGS CYN 11-36D	NESW	36	100S	180E	ML-47058		State	GW	NEW
4304738779	KC 5-36D	SWNW	36	100S	180E	ML-47058		State	GW	APD
4304738781	KC 6-32E	SENW	32	100S	190E	ML-47059		State	GW	APD
4304738782	KC 15-32E	NWSE	32	100S	190E	ML-047059		State	GW	APD
4304738786	AP 11-2J	NESW	02	110S	190E	ML-36213		State	GW	APD
4304738787	AP 13-2J	SWSW	02	110S	1	ML-36213		State	GW	APD
4304738950	KC 13-32E	SESW	32	100S		ML-047059		State	GW	APD
4304739218	KC 14-32E	SESW	32	100S		ML-047059		State	GW	APD
4304739219	KC 16-32E	SESE	32	100S		ML-047059		State	GW	APD
4304739222	LCU 14-12H	SESW	12	110S				Fee	GW	APD
4304739315	AP 12-2J	NWSW	02	110S	190E	ML-36213		State	GW	NEW

09/27/2007

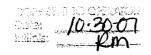
•	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES	FORM 9
	DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: ML-47059
SUNDRY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A	
drill horizontal la	sw wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to terals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT or CA AGREEMENT NAME: Undesignated
TYPE OF WELL OIL WELL	8. WELL NAME and NUMBER: KC 6-32E	
2. NAME OF OPERATOR:		9. AP! NUMBER:
XTO Energy, Inc.	PHONE NUMBER:	4304738781
3. ADDRESS OF OPERATOR: P.O. Box 1360	10. FIELD AND POOL, OR WILDCAT: Undesignated	
4. LOCATION OF WELL	Roosevelt CO 3,84066 (435) 722-4521	Olidesignated
FOOTAGES AT SURFACE: 1,857	FNL & 1,785' FWL	COUNTY: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANG	GE, MERIDIAN: SENW 32 10S 19E S	STATE: UTAH
11. CHECK APPR	ROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPO	PRT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION	
NOTICE OF INTENT	ACIDIZE DEEPEN	REPERFORATE CURRENT FORMATION
(Submit in Duplicate)	ALTER CASING FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start:	CASING REPAIR NEW CONSTRUCTION	TEMPORARILY ABANDON
	CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR
	CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT (Submit Original Form Only)	CHANGE WELL NAME PLUG BACK	WATER DISPOSAL
	CHANGE WELL STATUS PRODUCTION (START/RESUME)	WATER SHUT-OFF
Date of work completion:	COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	other: Permit Extension
	CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION	
12. DESCRIBE PROPOSED OR CO	OMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volun	nes, etc.
XTO Energy, Inc. hereby r	requests a one year extension of the state permit for the reference	ed well.
This is the first extension t	hat has been requested.	
	Approved by the Utah Division of Oil, Gas and Mining	
	Date: 10-79-07 By: 10-79-07	

NAME (PLEASE PRINT) Marnie Griffin

SIGNATURE Agent for XTO Energy, Inc.

DATE 10/26/2007

This space for State use only)



Application for Permit to Drill Request for Permit Extension Validation (this form should accompany the Sundry Notice requesting permit extension)

4304738781

API:

Well Name: KC 6-32E Location: 32 10S-19E 1,857' FNL & 1,785' FWL Company Permit Issued to: XTO Energy, Inc. Date Original Permit Issued: 12/21/2006
The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.
Following is a checklist of some items related to the application, which should be verified.
If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes □ No ☑
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☑
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes□No☑
Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes□No ☑
Has the approved source of water for drilling changed? Yes□No☑
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes□No☑
Is bonding still in place, which covers this proposed well? Yes ☑No □
m/ 10 26 07
Signature Date
Title: Agent
Representing: XTO Energy, Inc.

STATE OF UTAH PARTMENT OF NATURAL RESOURCES

	DEPARTMENT OF NATURAL RESOURCES	
	DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: ML-47059
SUNDRY	NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
Do not use this form for proposals to drill in drill horizontal la	ew wells, significantly deepen existing wells below current bottom-hole depth, rec tarals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	
1. TYPE OF WELL OIL WELL	GAS WELL 🚺 OTHER	8. WELL NAME and NUMBER: KC 6-32E
2. NAME OF OPERATOR: XTO Energy, Inc.		9. API NUMBER: 4304738781
3. ADDRESS OF OPERATOR: P.O. Box 1360		NE NUMBER: 10. FIELD AND POOL, OR WILDCAT: Undesignated
4. LOCATION OF WELL		
FOOTAGES AT SURFACE: 1,857'		COUNTY: Uintah
QTR/QTR, SECTION, TOWNSHIP, RAN	ge, meridian: 32 10S 19E S	STATE: UTAH
11. CHECK APPE	OPRIATE BOXES TO INDICATE NATURE OF	NOTICE, REPORT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE	OF ACTION
NOTICE OF INTENT	ACIDIZE DEEPEN	REPERFORATE CURRENT FORMATION
(Submit in Duplicate)	ALTER CASING FRACTURE TREE	T SIDETRACK TO REPAIR WELL
Approximate date work will start:	CASING REPAIR NEW CONSTRUC	TION TEMPORARILY ABANDON
	CHANGE TO PREVIOUS PLANS OPERATOR CHAIN	NGE TUBING REPAIR
	CHANGE TUBING PLUG AND ABAN	DON VENT OR FLARE
SUBSEQUENT REPORT (Submit Original Form Only)	CHANGE WELL NAME PLUG BACK	WATER DISPOSAL
Date of work completion:	CHANGE WELL STATUS PRODUCTION (S'	FART/RESUME) WATER SHUT-OFF
bate of Work completion.	COMMINGLE PRODUCING FORMATIONS RECLAMATION OF	FWELL SITE OTHER: Permit Extension
, <u>and a side of the state of t</u>	CONVERT WELL TYPE RECOMPLETE - I	DIFFERENT FORMATION
	equests a one year extension of the state permit on that has been requested.	Approved by the Utah Division of Oil, Gas and Mining Pate: 10/30/08
NAME (PLEASE PRINT) Kendell Jo	1 Mh n Ada	Agent for XTO Energy, Inc.
(This space for State use only)	J	
(5/2000) Date:	SENT TO OPERATOR	DECEIVE OCT 2 7 2008 DIV OF OIL, GAS & MINING



Application for Permit to Drill Request for Permit Extension Validation (this form should accompany the Sundry Notice requesting permit extension)

API: 4304738781					
Well Name: KC 6-32E Location: 1,857' FNL & 1,785' FWL Sec. 32, 10S-19E					
Company Permit Issued to: XTO Energy, Inc.					
Date Original Permit Issued: 12/21/2006					
The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.					
Following is a checklist of some items related to the application, which should be verified.					
If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes⊡No☑					
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes□ No ☑					
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes□ No ☑					
Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes□No ☑					
Has the approved source of water for drilling changed? Yes⊡No⊠					
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes□No☑					
Is bonding still in place, which covers this proposed well? Yes ☑No□					
Kendell barton 9/22/2008					
Signature () Date					
Title: Kendell Johnson					
Representing: XTO Energy, Inc.					



DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER

Executive Director

December 23, 2009

Division of Oil Gas and Mining

JOHN R. BAZA Division Director

Gasco Production Company 8 Inverness Dr. East, Ste. 100 Englewood, CO 80112

Re: APD Rescinded - KC 6-32E, Sec. 32 T. 10S, R. 19E

Uintah County, Utah API No. 43-047-38781

Ladies and Gentlemen:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on December 21, 2006. On October 29, 2007 and October 30, 2008, the Division granted a one-year APD extension. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective December 23, 2009.

A new APD must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

Diana Mason

Environmental Scientist

Well File cc:

SITLA, Ed Bonner

